

STEREO MOC Status Report
Time Period: 2012:275 - 2012:281

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 275, during the DSS-14 support, turbo decoder lock was lost briefly at 1343z and again at 1441z due to antenna elevation encoder errors. This anomaly resulted in the loss of 357 frames of SSR data. See DR# G113270 for more information.
 - On day 277, during the DSS-63 support, turbo decoder lock was lost briefly at 0728z and again at 0903z. This anomaly resulted in the loss of 13 frames of SSR data. See DR# N108462 for more information.
 - On day 279, during the DSS-25 support, turbo decoder lock was lost briefly at 1713z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108463 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 277, the turbo encoded space weather test was conducted successfully with the Bochum, Germany station.
 - The average daily SSR playback volume for Ahead was 5.0 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 276, during the DSS-55 support, turbo decoder lock was lost briefly at 1403z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108461 for more information.
 - On day 278 during the DSS-32 (New Norcia) support, turbo decoder lock was lost intermittently beginning at 1047z

through 1144z due to weather. This anomaly resulted in the loss of 39 frames of SSR data. This anomaly is being investigated with ESA.

- On day 281, during the DSS-25 support, turbo decoder lock was lost briefly 2024z, 2135z, and again at 282-0023z. This anomaly resulted in the loss of three frames of SSR data. See DR# N108465 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 275, IMPACT conducted real-time commanding to load a flight software patch to correct a bit flip in RAM that affected PLASTIC.
- On day 278, the turbo encoded space weather test was conducted successfully with the Bochum, Germany station.
- The average daily SSR playback volume for Behind was 4.9 Gbits during this week.